

# Makers from Hobbyists to Professionals

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# Embedded Systems Past

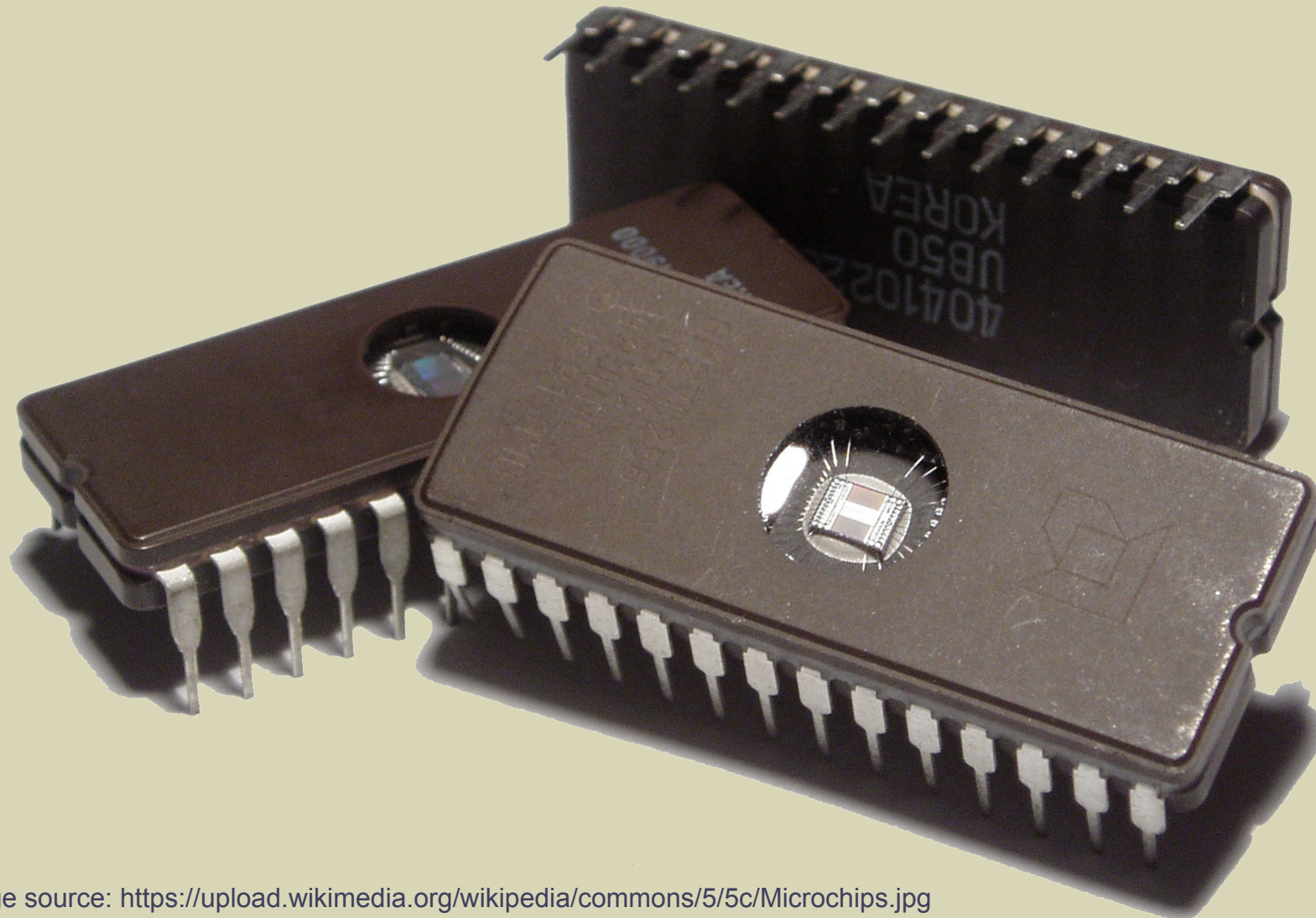
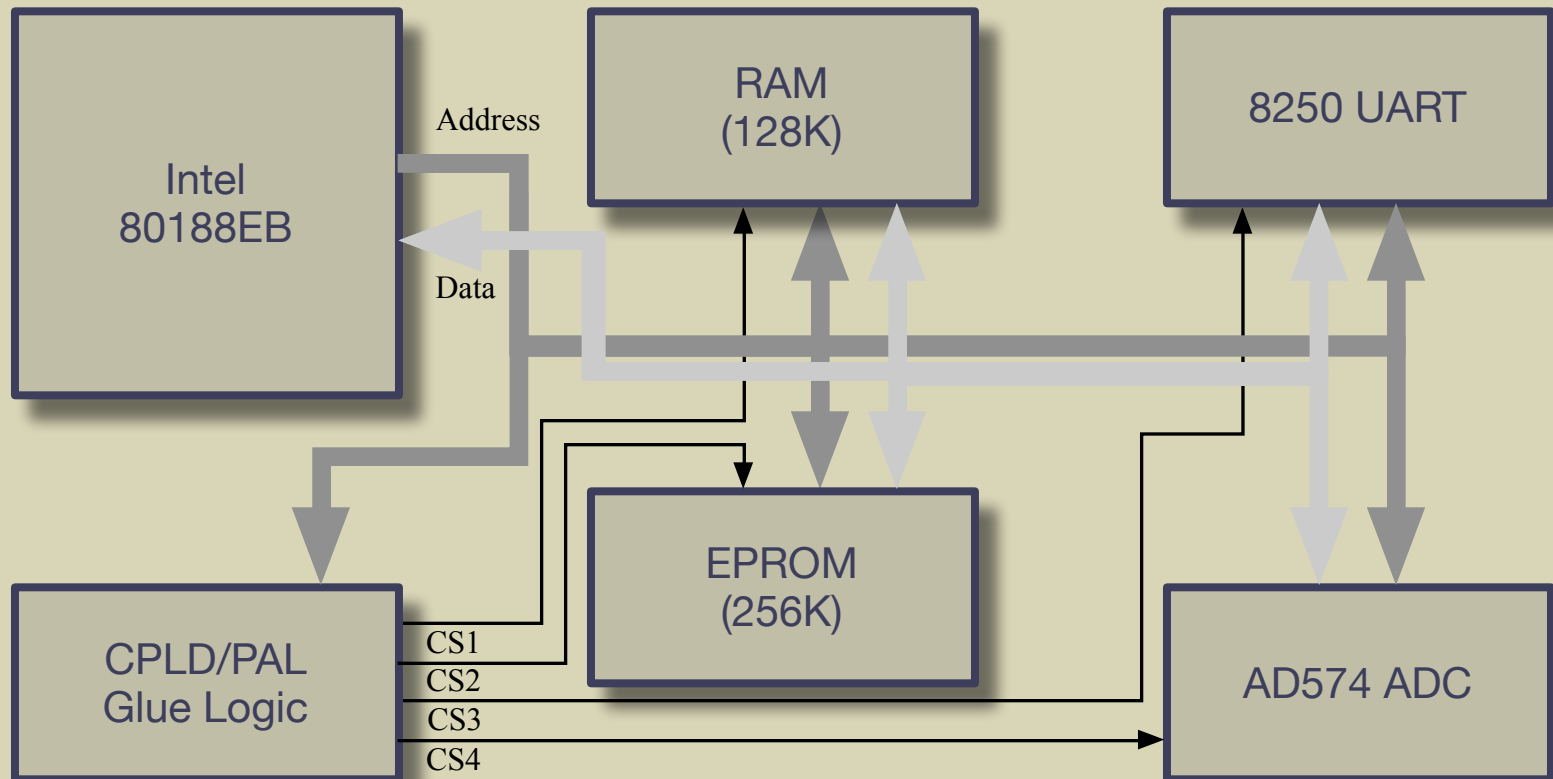
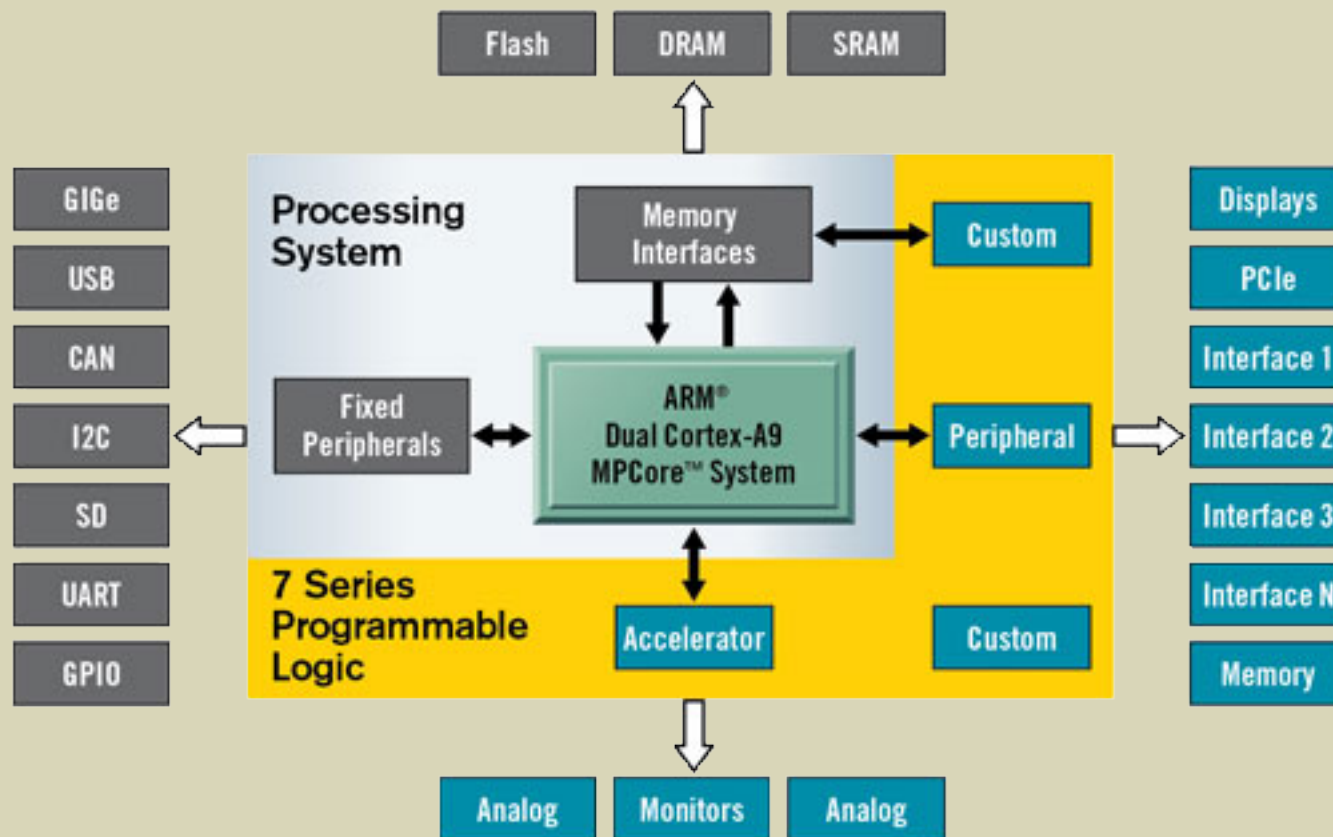


Image source: <https://upload.wikimedia.org/wikipedia/commons/5/5c/Microchips.jpg>

# Required Multiple Discrete Chips



# Powerful SoC Readily Available



# Tutorial Agenda

## **Maker Trends: The Path of Least Resistance**

*Peter Dokter, SparkFun*

## **IoT Device Development Challenges and Solutions**

*Venkat Mattela and Sailaja Dharani, Redpine Signals*

## **Implementing Software Defined Radio on the Parallella**

*Andreas Olofsson, Adapteva*

## **Current Trends for Hardware & Software Developers**

*Vrajesh Bhavsar, ARM*